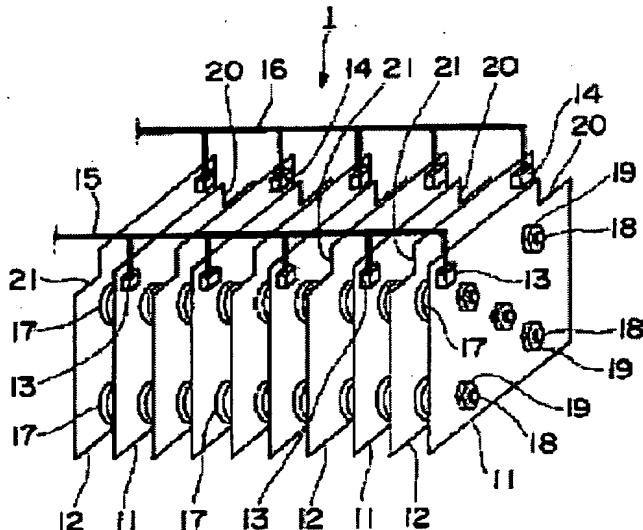


**ELECTROLYTIC APPARATUS FOR WATER TREATMENT**

**Patent number:** JP10165957  
**Publication date:** 1998-06-23  
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**Applicant:** MAEDA CONSTRUCTION;; MAEDA SEISAKUSHO  
**Classification:**  
- **international:** C02F1/463; C02F1/465; E03F5/14  
- **European:**  
**Application number:** JP19960324414 19961204  
**Priority number(s):** JP19960324414 19961204

**Report a data error here****Abstract of JP10165957**

**PROBLEM TO BE SOLVED:** To provide an electrolytic apparatus for water treatment capable of reducing cost and power consumption and capable of normally performing electrolysis. **SOLUTION:** This apparatus is provided with an anode plate 11 and a cathode plate 12 both of which are arranged in opposed relationship and the anode connection jig 13 and cathode connection jig 14 connecting the anode and cathode plates 11, 12 to an external power supply and an insulating spacer 17 having predetermined thickness is interposed at a predetermined position between the anode and cathode plates 11, 12 and an insulating rod-shaped member 18 is allowed to pierce through the anode and cathode plates 11, 12 to integrally fix the anode plate 11, the cathode plate 12 and a spacer 17.



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<p><b>98-406810/35</b>  <b>MAEDA SEISAKUSHO KK</b>  96.12.04 96JP-324414 (98.06.23) C02F 1/463, 1/465, E03F 5/14  <b>Electrolysis device for water treatment - uses insulating bolts for securing anode and cathode plates with insulating spacers of predetermined thickness interposed between each adjacent pair of plates</b>  <b>C98-122580</b>  Addnl. Data: MAEDA KENSETSU KOGYO KK (MAED-)</p>	<p><b>MAED- 96.12.04</b>  *JP 10165957-A</p> <p>The electrolysis device has a number of anode plates (11) and equal number of cathode plates arranged alternately. Insulating spacers (17) of predetermined thickness are interposed between the anode and cathode plates. The anode, cathode plates and the spacers are secured together by a number of rod shaped insulating bolts (18). The anode and cathode plates are connected respectively by a positive and negative busbars (13,14) to an external energiser.</p>	<p><b>MAED- 96.12.04</b>  D(4-A1M) J(3-B)</p> <p>Simplifies composition of device by avoiding necessity of frame for maintaining each electrode plate. Reduces cost by reducing assembly and process man-hours. Reduces power consumption by maintaining minimum predetermined gap between adjacent plates. Avoids dissolving of bus bars. Ensures proper electrolytic action by uniform distribution of current to each electrode plate. (SL)</p> <p></p> <p><b>USE</b>  For purification of cement group drain, filtration of water and sewer services, electric dust catcher.</p> <p><b>ADVANTAGE</b>  (4pp4011DwgNo.1/2)</p>
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